

How to replace the front brake pads of disc brake on FIAT DOBLO I (223)





 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT DOBLO Cargo (223_) 1.3 D Multijet, FIAT DOBLO MPV (119_, 223_) 1.3 JTD, FIAT PUNTO (199_) 1.3 D Multijet, FIAT QUBO (225_) 1.3 D Multijet (225CXB1A, 225AXB1A, 225CXB11, 225AXB11,...

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock



AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



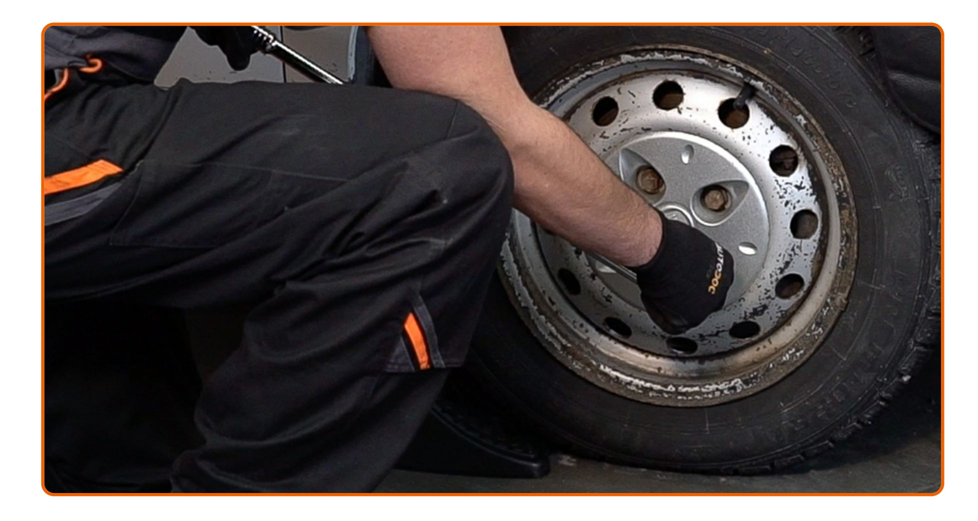
Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8



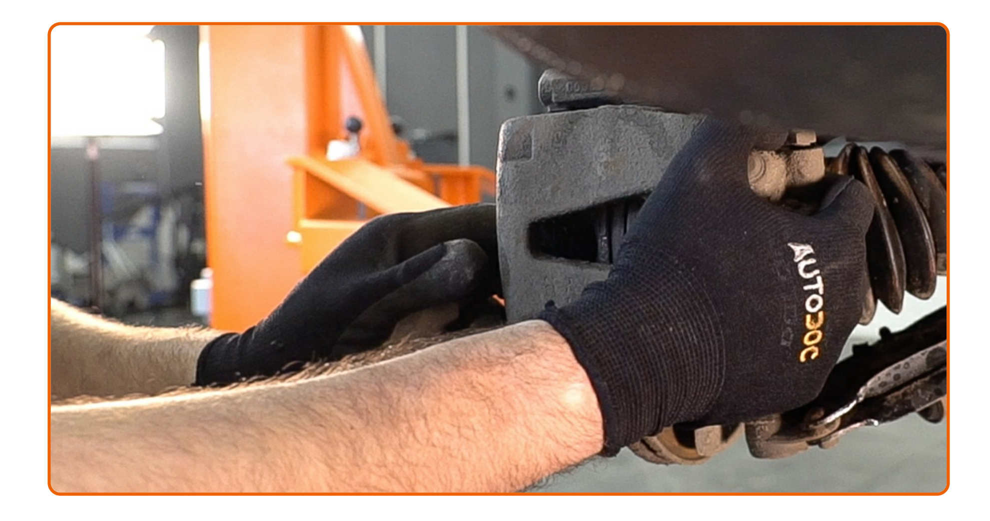
Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.

9



Spread the brake pads. Use a crowbar.

10

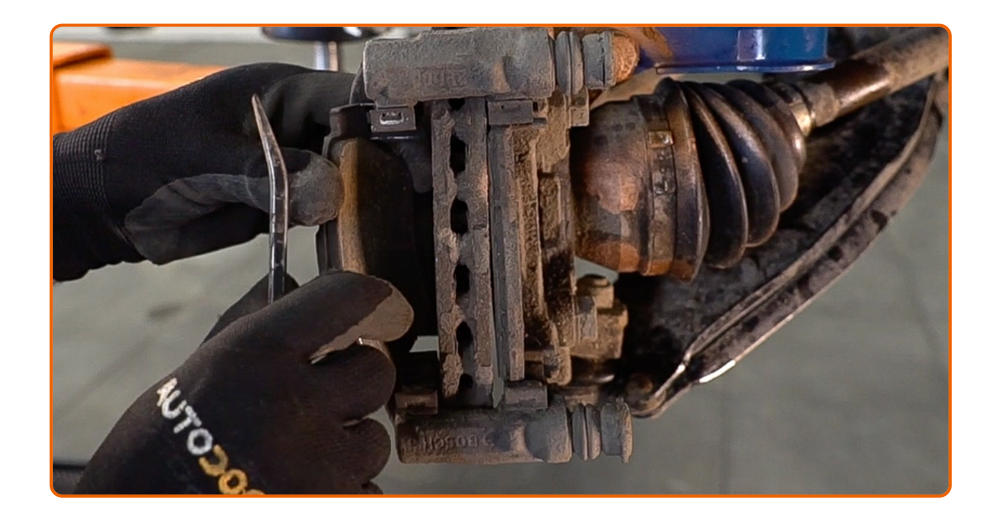


Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

11

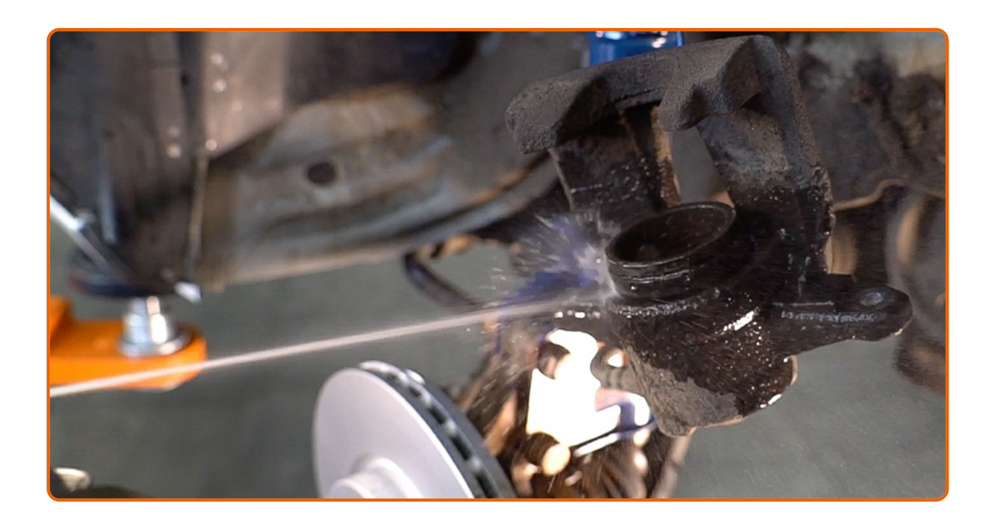


Remove the brake pads. Use a crowbar.

AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

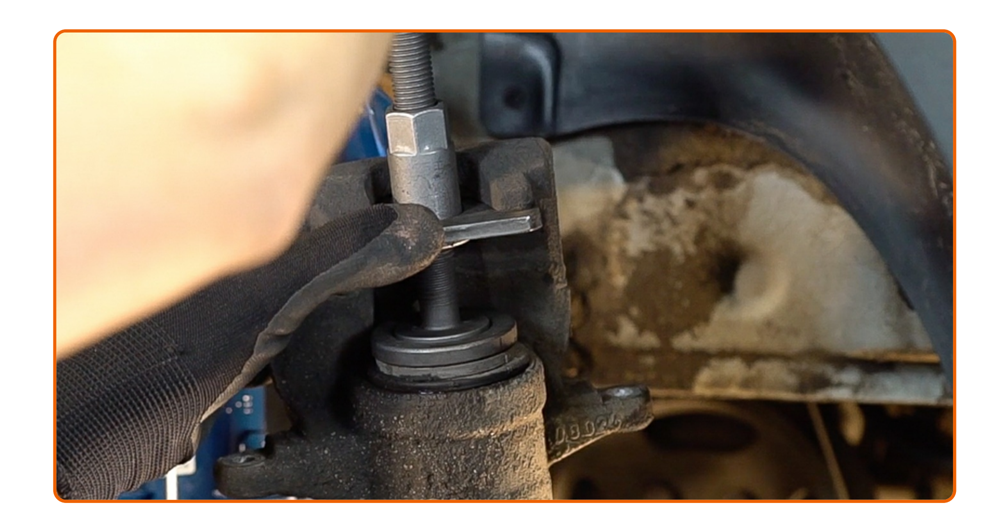


Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

13



Press in the brake caliper piston. Use brake caliper wind back tool.

14



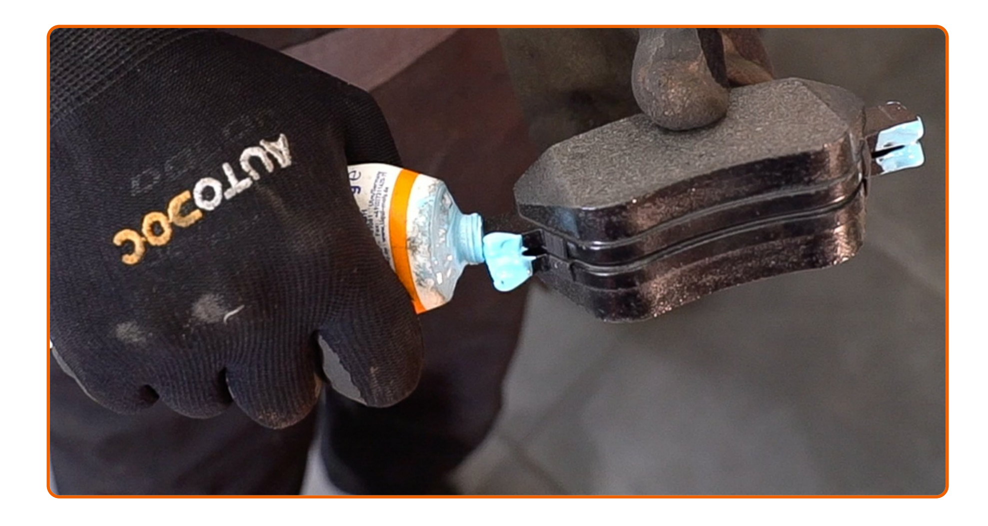
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

15

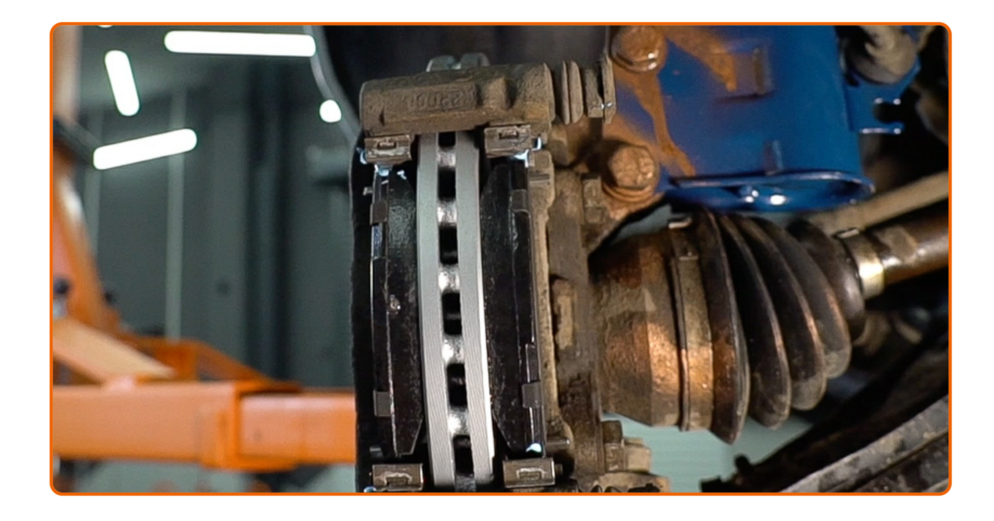


Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

16



Install new brake pads.

AUTODOC recommends:

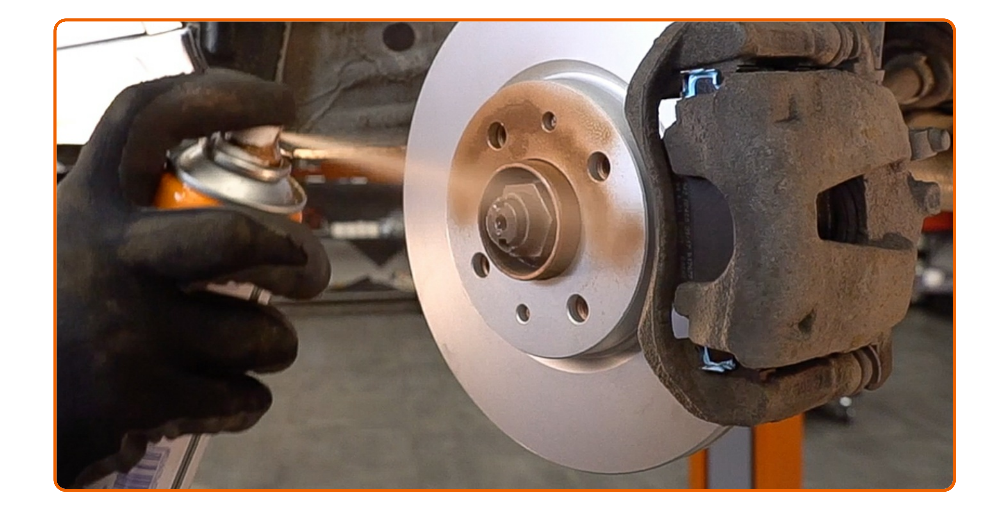
- Make sure the pads are installed with linings facing the disc.

17



Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

18



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

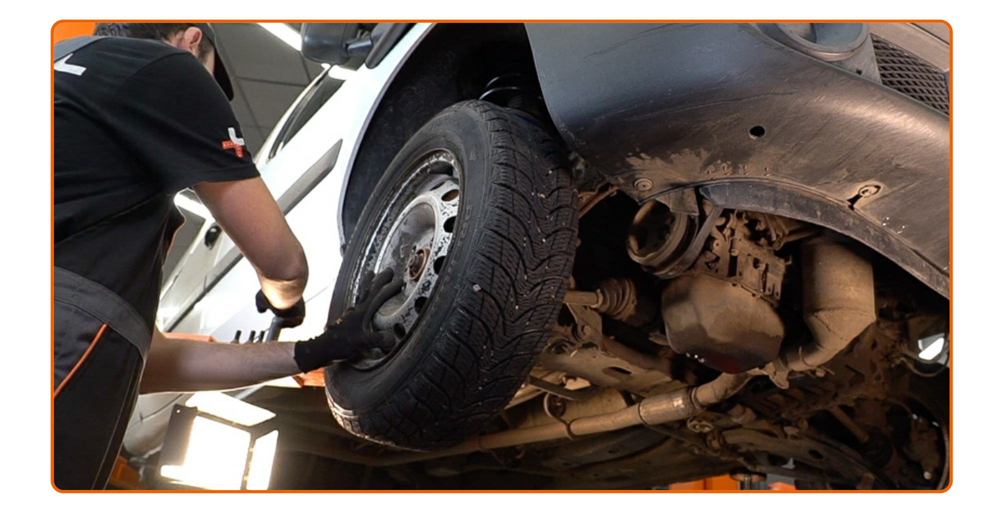
19

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

20



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

21



Screw in the wheel bolts. Use wheel impact socket #17.

22



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

23



Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

24



Remove the jacks and chocks.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

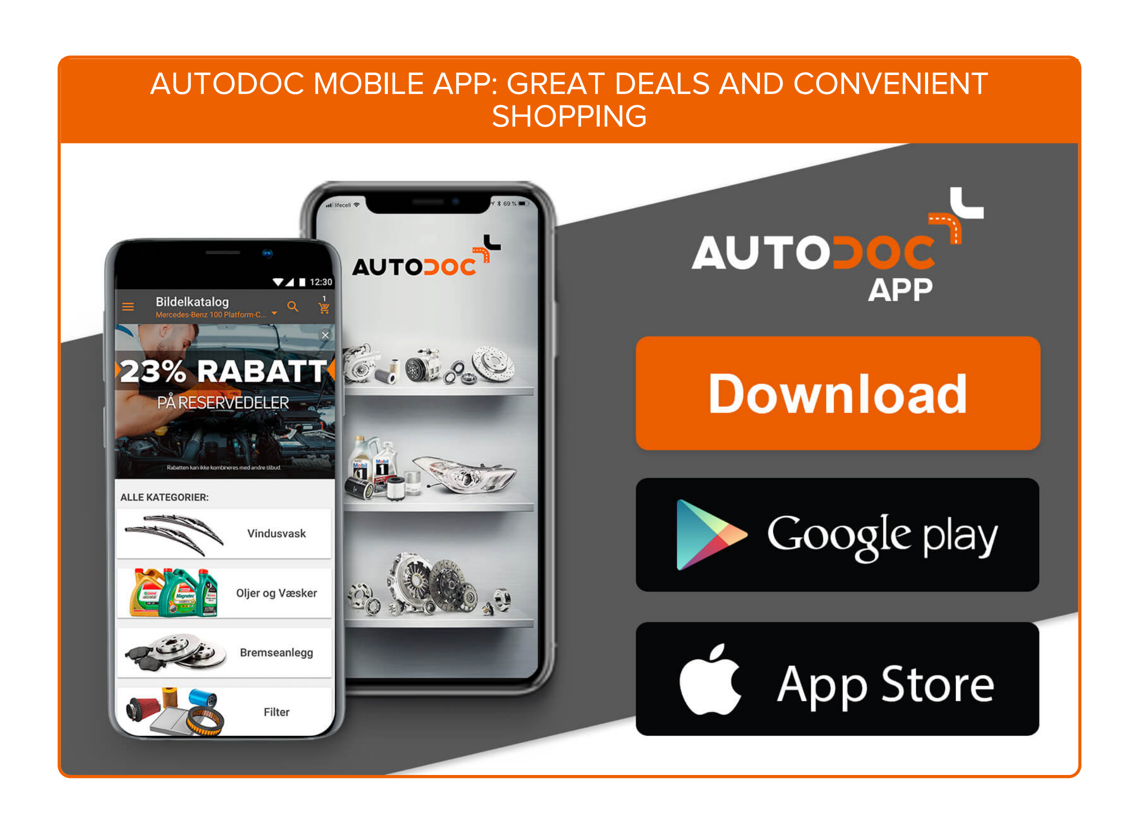
NO



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